

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

**Please replace the paragraph at page 18, lines 7 - 19, with the following amended paragraph:**

B1

The condition sensor 20 can be a sensor capable of measuring one or more of the following conditions: humidity, time, fabric load mass, temperature, lipophilic fluid flow from the drying apparatus, drying apparatus drum torque, inlet drying air temperature, outlet drying air temperature, and combinations thereof. The condition sensor 20 could be a humidity sensor, a mass load sensor, a temperature sensor, a timer, a fluid flow sensor, a torque sensor, etcetera. The condition sensor 20 is electrically coupled and can transmit a signal to a signal processor 30. Signal processor 30 is adapted to trigger the gas sensor 40 once a predetermined set point for the condition sensor 20 is reached. The gas sensor 40 then starts tracking the solvent vapor concentration and transmits its readings back to the signal processor 30. The signal processor 30 can also be coupled to fuzzy logic control system 50. Fuzzy logic control system 50 utilizes the signal coming from the signal processor 30 and the signal coming from the program selector 60 to estimate the remaining drying time for a particular load of clothes. The program selector 60 can be activated by the user and may reflect parameters such as the type of garments (e.g. silk, cotton, wool, etcetera) to be cleaned. These signals can then be incorporated into a programmed or programmable algorithm of the fuzzy logic control system 50 to determine remaining drying time.